WHAT IS CLAIMED IS:

1   1. A graphical user interface (GUI) comprising:

2   a graph with edges and vertices, the vertices representing grid nodes and the edges

3   representing an association of two grid nodes in a grid computing network.

1   2. The GUI of claim 1 in which the association is peer-to-peer.

1   3. The GUI of claim 1 in which the association is hierarchical.

1   4. A graphical user interface (GUI) comprising:

2   a graph with vectors and nodes for visualizing a computer grid, the nodes

3   representing computers running grid managers and the vectors representing relations

4   between pairs of grid managers, each of the relations defining a first grid manager to be

5   superior to a second grid manager and a vector points from a node representing the first

6   grid manager to a node representing the second grid manager;

7   for each node, an expandable structure showing computer grid applications

8   running on a computer represented by the node; and

9   an event handler configured to receive a request to view management services

10   running on a computer and to generate a display showing the management services

11   running on the computer.

1   5. A method comprising:

2   receiving a request to visualize a grid network with at least one node from a set of

3   linked nodes, the nodes representing computers running grid managers and vectors

4   representing relations between pairs of grid managers;

5   displaying the at least one node representing a grid manager;

6   sending a first query to the grid manager requesting a first list of grid managers

7   having an inferior relation to the root node;

8   displaying nodes corresponding to the grid managers in the first list and drawing

9   vectors from the grid manager to the grid managers in the first list of grid managers;

10   sending a second query to the grid manager requesting a second list of grid

11   managers having a superior relation to the grid manager; and

12   displaying nodes corresponding to the grid managers in the second list and

13   drawing vectors from the grid managers in the second list to the grid manager of the root

14   node.

1   6. The method of claim 5 further comprising:

2   sending a third query to each of the grid managers in the first list of grid managers

3   requesting a third list of grid managers having an inferior relation to each grid manager in

4   the first list of grid managers;

5   displaying nodes representing grid managers in the third list of grid managers and

6   drawing vectors from the grid managers in the second list of grid managers to grid

7   managers in the third list of grid managers.

8   7. The method of claim 6 further comprising:

9   recursively repeating the steps of sending and displaying for each of the grid

10   managers in the third list.

1   8. The method of claim 5 further comprising:

2   sending a query to the grid manager, the query requesting a list of services and

3   applications managed by the grid manager; and

4   displaying an expandable structure, the display showing the list of services and

5   applications managed by the grid manager.